

PREFSBL : Prefetch Buffer Length per Call

| Parameter | Specify . . . | Minimum | Maximum | Default |
|-----------|--|---------|---------|---------|
| PREFSBL | the prefetch buffer length for one prefetch. | 1024 | 65535 | 3000 |

The PREFSBL parameter specifies the size of the buffer for a single prefetch, which determines how much record data is prefetched. See also the description of the PREFTBL parameter, which specifies the total buffer space used by prefetch/multifetch.

When prefetch or multifetch is active, Adabas makes a buffer available to the user program for storing prefetched records. If a required record is already in a prefetch buffer, the record is taken directly from the buffer. PREFSBL specifies the size of this buffer.

Note:

Do not specify this operand unless PREFETCH=YES or PREFETCH=OLD also is specified.

The following formula can be used to estimate the initial size of PREFSBL:

$$300 + FBL + 2 * (16 + RBL) + 2 * ((16 + RBL) * recs) = PREFSBL$$

In this calculation, *FBL* is the length of the format buffer, *RBL* is the length of the record buffer, and *recs* is the number of records per call.

For long sequential processes, this parameter should be as large as possible unless the sequential processes are frequently interrupted with "value start" (L3/L6) or RC commands; in that case, a large value often causes records to be prefetched needlessly.

Example:

Execute a user program using multifetch. Use a 15,000-byte prefetch buffer.

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ADARUN PROG=USER ,PREFETCH=YES ,PREFSBL=15000
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